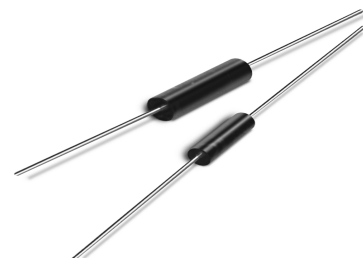




Features

- Fast reverse recovery time for high efficiency
- Molded plastic body, ANSI/UL94 V-0 rated material
- RoHS compliant based on exemption: [2011/65/EC, Annex III, 7(a)]



Device Electrical Characteristics

(25°C ambient temperature unless stated otherwise)

	Conditions	Symbol	Value
Maximum Repetitive Peak Reverse Voltage		V_{RRM}	15,000 Volts
Average Forward Current maximum	$T_A = 55^\circ\text{C}$	I_{FAVM}	200 mA
Average Forward Voltage Drop	$I_F = 200\text{mA}$	V_F	35 Volts
Maximum Surge Current rating	8.3msec, half sine	I_{FSM}	20 Amps
Maximum Reverse Current	at rated V_{RRM}	I_R	2.0 μA
Maximum Reverse Recovery Time	$I_F = 100\text{mA}$, $I_R = 200\text{mA}$, $I_{RR} = 50\text{mA}$	T_{RR}	100 μsec
Typical Junction Capacitance	$f = 1\text{MHz}$, $V_R = 0\text{ VDC}$	C_J	3.5 pf
Maximum Junction Temperature	-	T_J	150°C
Storage Temperature range	-	T_{STG}	-40°C to 150°C

Mechanical Data

		Min.		Max.	
		in.	mm	in.	mm
Body length	A	-	-	0.87	22.1
Body diameter	D	-	-	0.30	7.6
Lead length	B	.95	24.2	-	-
Lead diameter	C	-	-	0.050	1.27

